

AMENDMENTS TO THE ABSTRACT

Please amend the abstract as follows:

In an automatic gain control amplifier AGC_a , an RF automatic gain controller [[2]] controls the gain of a radio frequency signal S_{rf} . A frequency converter [[3, 4]] frequency-converts the radio frequency signal S_{rf} into an intermediate frequency signal S_{if} . An IF automatic gain controller [[5]] controls the gain of the intermediate frequency signal S_{if} . A level detector LD_a detects a signal level of the gain-controlled intermediate frequency signal S_{if} , and generates a level signal SL_a . An automatic gain control signal generator SG_a, SG_b separately controls, based the level signal SL_a, SL_b , the RF automatic gain controller [[2]] and the IF automatic gain controller [[5]].